

Appl. No. 09/921,365
Amdt. dated Aug. 11, 2003
Reply to Office action of February 13, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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Claim 1 (currently amended): A face mask for ventilation of a patient having a mouth, a tongue, a nose and an oropharynx, the face mask comprising:

a face piece having a nasal port and an oral port formed therein,

a peripheral cuff on the face piece,

an oral tube disposed in the oral port and, when so disposed, the oral tube having a first end extending into the mouth of the patient and a second end extending outwardly from the face piece,

a nasal tube disposed in the nasal port and, when so disposed, the nasal tube having a first end extending into the nose of the patient and a second end extending outwardly from the face piece,

an adapter having an inlet end and two outlet ends, one of the outlet ends being removably connected to the ~~first~~ second end of the oral tube and the other of the outlet ends being removably connected to the ~~first~~ second end of the nasal tube, and

means for introducing oxygen into the inlet end of the adaptor,

wherein the patient is ventilated orally and nasally simultaneously through the single inlet.

Claim 2 (original): The face mask of claim 1, wherein the oral tube has a length sufficient to reach the posterior oropharynx of the patient.

Claim 3 (original): The face mask of claim 1, wherein the nasal tube has a length sufficient to reach the posterior oropharynx beyond the tongue of the patient.

Claim 4 (original): The face mask of claim 1, wherein the nasal tube has an internal diameter in the range of 4 to 6 mm.

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Claim 5 (original): The face mask of claim 1, wherein a sleeve is connected to the nasal port interiorly of the face piece such that the nasal tube is received in the sleeve and directed to the patient's nostril.

Claim 6 (original): The face mask of claim 1, wherein the mask has small, medium and large diameter oral tubes, one of which is selected for the patient.

Claim 7 (original): The face mask of claim 1, wherein an ambu bag is connected between the inlet end of the adapter and a source of oxygen such that oxygen may be pumped into the oral tube and the nasal tube to ventilate the patient.

Claim 8 (original): The face mask of claim 1, wherein the oral tube is removable.

Claim 9 (original): The face mask of claim 1, wherein the nasal tube is removable.

Claim 10 (currently amended): A face mask for ventilation of a patient, comprising

a face piece, having two openings formed therein,
an oral tube received in one opening in the face piece, a nasal tube received in the other opening in the face piece, the oral tube ~~extending~~ extendable through ~~the~~ a mouth of the patient to the posterior oropharynx, the nasal tube ~~extending~~ extendable through ~~the~~ a nose of the patient to the posterior oropharynx, and
means for introducing oxygen into the oral tube and into the nasal tube simultaneously.

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Amended

Claim 11 (currently amended): The face mask of claim 10, further having a peripheral cuff thereon, the peripheral cuff forming a seal when the face mask is assembled with ~~the~~ a face of the patient.

Claim 12 (currently amended): The face mask of claim ~~8~~ 10, having an adapter connected to both the oral tube and the nasal tube exteriorly of the face piece, the adapter being connected to a source of oxygen.

Claim 13 (currently amended): The face mask of claim ~~10~~ 12, wherein an ambu bag is inserted into the adapter and the source of oxygen such that oxygen may be pumped through both the oral tube and the nasal tube to ventilate the patient.

Claim 14 (original): The face mask of claim 10, wherein the nasal tube is removable.

Claim 15 (original): The face mask of claim 10, wherein the oral tube is removable.

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Claim 16 (currently amended): A method of ventilating a patient comprising the steps of

providing a face piece having an oral port, a nasal port, and a peripheral cuff;

providing an oral tube having a first end and a second end,

providing a nasal tube having a first end and a second end,

providing an adapter having an inlet and two outlets,

providing a source of oxygen,

connecting the oral tube to the face piece wherein the first end of the oral tube extends inwardly of the face piece and the second end of the oral tube extends outwardly of the face piece,

placing the patient in a supine position lying face up,

placing the second end of the oral tube in the patient's mouth and seating the face piece on the patient's face wherein the second end of the oral tube rests in the patient's posterior oropharynx and the cuff of the face piece forms a seal with the patient's face,

inserting the second end of the nasal tube in the nasal port wherein the second end of the nasal tube passes through the nose of the patient and rests in the patient's posterior oropharynx and seating the nasal tube in the nasal port,

connecting one outlet of the adapter to the first end of the oral tube and connecting the other outlet of the adapter to the first end of the nasal tube- and

introducing oxygen into the inlet of the adapter wherein the oxygen passes through the oral tube and the nasal tube simultaneously directly to the posterior oropharynx of the patient such that the patient is ventilated.

Claim 17 (currently amended): The method of claim 16, further comprising the steps of inserting an ambu bag between the inlet of the adapter and the source of oxygen and pumping the ambu bag to control the introduction of oxygen.

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Claim 18 (original): The method of claim 16, wherein the nasal tube has a length, measuring a selected portion of the length and cutting off any excess wherein the nasal tube is customized for the patient.

Claim 19 (new): A face mask for ventilation of a patient, comprising:

a face piece for placement on a face of the patient, having a first port and a second port formed therein, and

an adapter having an inlet end and two outlet ends, with one of the outlet ends removably connected to the first port and the other of the outlet ends removably connected to the second port.

Claim 20 (new): A face mask for ventilation of a patient, which comprises:

a face piece for placement on a face of the patient;

at least one port formed in the face piece;

a first protrusion mounted on the face piece, and extending outward from a first location on an external surface of the face piece;

a second protrusion mounted on the face piece, and extending outward from a second location on the external surface of the face piece which is spaced from the first location; and

a strap having a first portion connectable to the first protrusion and a second portion, spaced from the first portion, attachable to the second protrusion.

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Claim 21 (new): The face mask of claim 20, wherein the first protrusion and the second protrusion form a first pair of spaced protrusions, and the strap is a first strap, further comprising:

a second pair of spaced protrusions mounted on the face piece, and extending outward from spaced locations on the external surface of the face piece, and

a second strap connectable at spaced portions thereof to the second pair of space protrusions.

Claim 22 (new): The face mask as set forth in claim 20, wherein the strap is composed of an elastic material.

Claim 23 (new): A face mask for ventilation of a patient, which comprises:

a face piece for placement on a face of the patient;

at least one port formed in the face piece; and

a chin portion which encloses a chin of the patient when the face piece is placed on the face of the patient.

Claim 24 (new): A face mask for ventilation of a patient; which comprises:

a face piece for placement on a face of the patient;

at least one port formed in the face piece; and

means formed on the face piece for receiving at least one finger of a person placing the face piece on the patient to assist in holding the face piece on the face of the patient.

Claim 25 (new): The face mask of claim 24 wherein the means for receiving is a ridge formed on an exterior surface of the face piece.

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Claim 26 (new): The face mask of claim 25 wherein the ridge is a first ridge formed at a first location on the exterior surface of the face piece, further comprising:

a second ridge formed at a second location, spaced from the first location, on the exterior surface of the face piece.

Claim 27 (new): The face mask of claim 20, further comprising:

a chin portion which encloses a chin of the patient when the face piece is placed on the face of the patient.

Claim 28 (new): The face mask of claim 20, further comprising:

means formed on the face piece for receiving at least one finger of a person placing the face piece on the patient to assist in holding the face piece on the face of the patient.

Claim 29 (new): The face mask of claim 28, further comprising:

a chin portion which encloses a chin of the patient when the face piece is placed on the face of the patient.

Claim 30 (new): The face mask of claim 23, further comprising:

means formed on the face piece for receiving at least one finger of a person placing the face piece on the patient to assist in holding the face piece on the face of the patient.

Claim 31 (new): The face mask of claim 10, further comprising:

a first protrusion mounted on the face piece, and extending outward from a first location on an external surface of the face piece;

a second protrusion mounted on the face piece, and extending outward from a second location on the external surface of the face piece which is spaced from the first location; and

a strap having a first portion connectable to the first protrusion and a second portion, spaced from the first portion, connectable to the second protrusion.

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Claim 32 (new): The face mask of claim 31, further comprising:
a chin portion which encloses a chin of the patient when the
face piece is placed on the face of the patient.

Claim 33 (new): The face mask of claim 31, further comprising:
means formed on the face piece for receiving at least one
finger of a person placing the face piece on the patient to assist
in holding the face piece on the face of the patient.

Claim 34 (new): The face mask of claim 31, further comprising:
a chin portion which encloses a chin of the patient when the
face piece is placed on the face of the patient, and
means formed on the face piece for receiving at least one
finger of a person placing the face piece on the patient to assist
in holding the face piece on the face of the patient.

Claim 35 (new): The face mask of claim 10, further comprising:
a chin portion which encloses a chin of the patient when the
face piece is placed on the face of the patient, and
means formed on the face piece for receiving at least one
finger of a person placing the face piece on the patient to assist
in holding the face piece on the face of the patient.
